

REMARKS

The above amendment amends the specification to correct errors, improve clarity, and update references to patent documents. No new matter is added.

The Examiner objected to the abstract as being too long. In response, the above amendment provides a new abstract that is less than 150 words. In view of the amendment, Applicants request reconsideration and withdrawal of the objection to the abstract.

Claims 1-34 were pending in the above-identified application when last examined and are amended as indicated above. The claim amendments clarify the claim language and are not intended to limit the scope of the claims.

Claims 1-5, 7-14, 16-23, and 25-34 were rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-5 and 32-39 of U.S. Patent No. 6,225,633.

In response, a terminal disclaimer is being submitted with this response to overcome the double patenting rejection. Payment of the terminal disclaimer fee under 37 CFR 1.20(d) is authorized in an accompanying transmittal letter.

The present patent application and U.S. Pat. No. 6,225,633 are commonly owned by RAE Systems, Inc. as evidenced by:

the assignment recorded at Reel/Frame 011859/0011 for the present application; and
the assignment recorded at Reel/Frame 9543/0994 for U.S. Pat. No. 6,225,633.

Applicants further note that a "Revocation of Power of Attorney, Power of Attorney, & Change of Correspondence Address By Assignee of Entire Interest", filed in the present application on March 3, 2003 contains a certification under 37 CFR 3.73(b), which remains in effect.

In view of the attached terminal disclaimer, Applicants request reconsideration and withdrawal of the double patenting rejection.

Claims 6, 15, and 24 were objected to as dependent upon rejected claims but were indicated as allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. In view of attached terminal disclaimer, Applicants

believe that claims 1-5, 7-14, 16-23, and 25-34 are now in condition for allowance. Accordingly, Applicants request reconsideration and withdrawal of the objection to claims 6, 15, and 24.

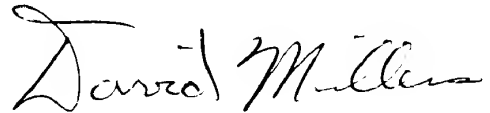
In summary, claims 1-34 were pending in the application. This response amends claims 1, 2, 4, 6, 7, 10, 12, 15, 29, and 32 to improve their form and better reflect the subject matter being claims. For the above reasons, Applicants respectfully request allowance of the application including claims 1-34.

Please contact the undersigned attorney at (408) 927-6700 if there are any questions concerning the application or this document.

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Respectfully submitted,



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